

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

Inventor: Richard M. Ehrlich  
Appl. No.: 10/621,048  
Confirm. No.: 8810  
Filed: July 16, 2003  
Title: SYSTEMS FOR SEARCHING FOR SAM  
PATTERNS AT MULTIPLE NOMINAL  
FREQUENCIES

PATENT APPLICATION

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Art Unit: 2651  
Examiner: Faber, Alan

JUL 12 2005

Atty. Docket No. PANA-01046USE  
(PANAP-01046USE)

Customer No. 23910

## CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being transmitted by facsimile to the Commissioner for Patents, the United States Patent and Trademark Office, Facsimile No. (703) 872-9306, on the date shown below.

Matthew Otts

Signature Date:

7/12/2005

(Signature)

## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56. If this is a continuation, divisional or continuation-in-part application, it is understood that the Examiner will consider all information which was considered by the Office in a parent application, MPEP §609. Such information therefore is not listed herein unless it is desired that the information be printed on a patent issuing from the subject application.

*Enclosed with this statement are the following:*

- ☒ Form PTO-1449. The Examiner is requested to initial the form and return it to the undersigned in accordance with MPEP §609.
- ☒ Copies of cited U.S. patents and publications are not enclosed.

*This statement should be considered because:*

- ☒ 37 C.F.R. §1.97(c). Although it may not qualify under subsection (b), this statement qualifies under 37 C.F.R. §1.97, subsection (c) because:

- (1) It is being filed before the mailing date of a FINAL Office Action, a Notice of Allowance, or an action that otherwise closes prosecution in the subject application, whichever occurs first.

– AND (check at least one of the following) –

X (1) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e).

– OR –

(2) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p).

X Statement Under 37 C.F.R. §1.97(e):

— Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; or

X No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 1.56(c) more than three months prior to the filing of the information disclosure statement.

X **Fee Authorization.** The Commissioner is hereby authorized to charge underpayment of any additional fees or credit any overpayment associated with this communication to Deposit Account No. 06-1325.

Respectfully submitted,

Date: July 12, 2005

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FORM PTO-1449

(Substitute)

US DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

Attorney Docket Number

PANAP-01046USE

Serial No.

10/621,048

**INFORMATION DISCLOSURE CITATION  
BY APPLICANT**

(Use several sheets if necessary)

Applicant

Richard M. Ehrlich

Filing Date

July 16, 2003

Group Art Unit

2651

**U.S. PATENTS**

Examiner Initial	Patent Number	Issue Date	Name	Class	Subclass	Filing Date
1.	5,706,265	Jan. 6, 1998	Bang			

**U.S. PATENT PUBLICATIONS**

Examiner Initial	Patent Application Publication Number	Publication Date	Applicant

**PENDING U.S. PATENT APPLICATIONS**

Examiner Initial	Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes   No

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Document Number	Publication Date	Country	Class	Subclass	Trans- lation Yes   No

**OTHER DOCUMENTS** (Include author (if any), title, publisher and place of publication, date and pertinent pages)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*1 = Copy not submitted because it was submitted in prior application SN \_\_\_\_\_, filed \_\_\_\_\_, 20\_\_\_\_, relied on under 35 USC §120.

\*2 = Copy not submitted because it was submitted in prior application SN \_\_\_\_\_, filed \_\_\_\_\_, 20\_\_\_\_, relied on under 35 USC §120.